

# SAFETY DATA SHEET

## 1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : Liqui Amber Water Based Coating  
 MANUFACTURER'S NAME : Oceanic Link Pte Ltd  
 ADDRESS : 192 Pandan Loop #01-13 Singapore 128381  
 CONTACT NO. : 67776001  
 DATE PREPARED : 03 April 2019  
 REVISION : 00

## 2) HAZARDS IDENTIFICATION

May cause sensitization by skin contact

## 3) HAZARDOUS COMPONENTS

	CAS NO.	% by weight	OSHA (ppm)
Acrylic copolymer	-	< 60%	NE
2-Amino-2-methyl-1-propanol	124-68-5	< 2%	NE

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N.E – Not Established

Non Hazardous Ingredients to 100%

## 4) FIRST AID MEASURES

### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Inhalation of excessive concentrations of vapors or mists may cause headache, dizziness and drowsiness.

FIRST AID: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

FIRST AID: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Consult a physician if irritation persists.

### EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

This product is a severe eye irritant. Direct contact with the liquid or exposure to its vapors or mists may cause burning, tearing, redness and swelling.

FIRST AID: Flush immediately with large amounts of water for at least 15 minutes. Take to physician for medical treatment.

### INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May cause nausea, headaches and dizziness.

May cause droplets to enter the lungs with the risk of getting pneumonia.

FIRST AID: Drink 1 to 2 glasses of water to dilute. Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

## 5) FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CO<sub>2</sub>, foam, dry powder;

In cases of larger fires, water spray should be used.

**FIRE AND EXPLOSION HAZARDS:**

Flashback along vapor trail may occur. This material may be ignited by heat, sparks, flame or static electricity. Close containers may explode when exposed to extreme heat.

**FIRE FIGHTING PROCEDURES:**

The use of a self-contained breathing apparatus is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

**6) ACCIDENTAL RELEASE MEASURES**

Personal precautions: Put on protective equipment (see section 8). Ensure adequate ventilation/exhaust extraction.

Keep unauthorized personnel away

Environmental precautions: Do not allow to escape into waterways, wastewater or soil

Methods for cleaning up: Remove all sources of ignition (flames, hot surfaces and electrical static or frictional sparks). Avoid breathing vapor, ventilate area. Remove with inert absorbent and non-sparking tools.

**7) HANDLING AND STORAGE**

Keep container dry and tightly closed in a cool and well-ventilated place. Avoid exposure to temperature above 50°C. Ensure adequate ventilation or exhaust ventilation in the working area. Exhaust ventilation necessary if product is sprayed. Avoid contact with skin and eyes.

Provide adequate ventilation and if necessary, air extraction in working areas. Explosion protection required.

**8) EXPOSURE CONTROLS/PERSONAL PROTECTION**

Wear suitable protective clothing, protective gloves (made of PVC or rubber) and protective goggles/mask. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis), it is inadvisable to work with the product.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Take off immediately all contaminated clothing.

**9) PHYSICAL AND CHEMICAL PROPERTIES**

Specific gravity @ 25°C	:	1.02+/- 0.02
Solubility in water	:	Soluble
Appearance	:	Clear or Color
Flash point	:	About 100 °C

**10) STABILITY AND REACTIVITY**

Stability: Stable

Conditions to Avoid: Do not store above 50 deg C.

Materials to Avoid: Cause exothermic reactions in contact with oxidizing agents, strong acids and amines.

**11) TOXICOLOGICAL INFORMATION**

Acrylic copolymer

Inhalation : Unlikely to be hazardous by inhalation.

Ingestion : Unlikely to be hazardous if swallowed.  
Skin contact : Unlikely to cause skin irritation.  
Eye contact : May cause eye irritation.  
Long term exposure: No information available.

### **2-Amino-2-methyl-1-propanol**

#### **Acute toxicity:**

Ingestion (oral LD50 if available):

Oral LD for rats is 2900mg/kg

Oral LD for mice is 2150mg/kg

Skin (dermal LD50 if available):

LD50 for skin absorption in rabbits is >2000 mg/kg

Inhalation (LC50 if available): Not determined

Mutagen city:

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

### **12) ECOLOGICAL INFORMATION**

Do not allow to escape into waterway, wastewater or soil

### **13) DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in an approved waste facility. Ensure compliance with local, state and federal regulations.

### **14) TRANSPORT INFORMATION**

UN Number / Class: UN1263 / Class 3

Packing Group: PG III

HS Code: 320890

### **15) REGULATORY INFORMATION**

R-phrases:

R36/38 Irritating to eyes and skin

R43 May cause sensitization by skin contact.

S-phrases:

S26 In case of contact with skin, rinse immediately with plenty of water and seek medical advice.

S28 After contact with, wash immediately with plenty of water and soap.

S37/39 Wear suitable gloves and eye/face protection.

### **16) OTHER INFORMATION**

This information is based on our current level of knowledge and relates to the products in the states in which it is delivered. It is intended to describe our products from the point of view of safety requirements and intended to guarantee any particular properties.